To: Marten, Alex[Marten.Alex@epa.gov]
Cc: McGartland, Al[McGartland.Al@epa.gov]

From: Barron, Alex

Sent: Wed 2/4/2015 5:42:28 PM

Subject: RE: Due 2/10 COB to Alex B. FY2016 Budget Hearing Fact Sheet for SCC

I assume you can get to this before the 10th. Don't expend too much energy reformatting.

Alex

From: Derkasch, Patricia

Sent: Wednesday, February 04, 2015 11:53 AM

To: Marten, Alex; Barron, Alex

Cc: McGartland, Al; Kime, Robin; Teplitzky, Andy; Barron, Alex

Subject: FW: Due 2/10 COB to Alex B. FY2016 Budget Hearing Fact Sheet for SCC

Hi Alex—

I understand that you are working on a fact sheet on SCC for the FY 16 budget hearings. Please use the attached template for the format of your fact sheet. Thank you.

Tricia

From: Teplitzky, Andy

Sent: Thursday, January 29, 2015 4:50 PM

To: Derkasch, Patricia

Subject: FW: Due 2/10 COB to Alex B. FY2016 Budget Hearing Fact Sheet for SCC

Just keeping you in the loop.

Andy Teplitzky

Chief of Operations

Office of Policy (MC: 1804A)

U.S. Environmental Protection Agency

1200 Pennsylvania Ave., NW

Washington, DC 20460

William Jefferson Clinton Federal Building

Room 3509 (hallway entrance)

Room 3513D (bay entrance)

(202) 566-2947 (ph)

teplitzky.andy@epa.gov

From: Kime, Robin

Sent: Thursday, January 29, 2015 4:38 PM

To: McGartland, Al; Marten, Alex

Cc: Barron, Alex; Beauvais, Joel; Kenny, Shannon; Teplitzky, Andy

Subject: Due 2/10 COB to Alex B. FY2016 Budget Hearing Fact Sheet for SCC

Hi

OCIR asked us to draft a SCC fact sheet for the Administrator to use during the FY 16 budget hearing. Would you send your final draft to Alex B with a cc to me by 2/10 COB? We'll submit it to them as requested on 2/11. Thanks so much.

Robin

To: Silverman, Steven[silverman.steven@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]; Kopits,

Elizabeth[Kopits.Elizabeth@epa.gov]

Cc: Hoffman, Howard[hoffman.howard@epa.gov]

From: Shouse, Kate

Sent: Tue 7/14/2015 2:06:14 PM **Subject:** RE: 10:30 am today on SCC?

Great, thanks. I just reserved room 4228A in WJCS and sent a calendar notice. Happy to meet there but if others prefer to join by phone, I'll set up a conference line.

Thanks Kate

From: Silverman, Steven

Sent: Tuesday, July 14, 2015 10:03 AM

To: Marten, Alex; Shouse, Kate; Kopits, Elizabeth

Cc: Hoffman, Howard

Subject: RE: 10:30 am today on SCC?

Can you call me at 564 5523, or do we want to assemble somewhere?

From: Marten, Alex

Sent: Tuesday, July 14, 2015 10:03 AM

To: Shouse, Kate; Silverman, Steven; Kopits, Elizabeth

Cc: Hoffman, Howard

Subject: RE: 10:30 am today on SCC?

10:30 works for me

- -

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

From: Shouse, Kate

Sent: Tuesday, July 14, 2015 10:02 AM

To: Silverman, Steven; Kopits, Elizabeth; Marten, Alex

Cc: Hoffman, Howard

Subject: 10:30 am today on SCC?

Thanks, Steve.

Does 10:30 work for those interested in joining? If not then, how about 11?

From: Silverman, Steven

Sent: Tuesday, July 14, 2015 9:53 AM

To: Kopits, Elizabeth; Shouse, Kate; Marten, Alex

Cc: Hoffman, Howard

Subject: RE: call this am to discuss SCC?

I am free any time up till noon

From: Kopits, Elizabeth

Sent: Tuesday, July 14, 2015 8:30 AM

To: Shouse, Kate; Silverman, Steven; Marten, Alex

Cc: Hoffman, Howard

Subject: RE: call this am to discuss SCC?

I am confused and I think a couple of steps behind, but happy to join in this morning's call.

Elizabeth

From: Shouse, Kate

Sent: Tuesday, July 14, 2015 8:21 AM

To: Silverman, Steven; Marten, Alex; Kopits, Elizabeth

Cc: Hoffman, Howard

Subject: FW: call this am to discuss SCC?

This time with a copy of the language that we'd like to discuss:

Ex 5

From: Shouse, Kate

Sent: Tuesday, July 14, 2015 8:18 AM

To: Silverman, Steven; Sarofim, Marcus; Jordan, Scott **Cc:** Hoffman, Howard; Marten, Alex; Kopits, Elizabeth

Subject: call this am to discuss SCC?

Ex 5

busy but can you make time to talk before noon?

Ex 5

Ex 5

I've copied everyone from your message but not sure if they would like to participate. Marcus, Scott, and Howard, please let me know if you'd like me to in include you in the meeting invitation.

Thanks!

Kate

From: Silverman, Steven

Sent: Monday, July 13, 2015 6:47 PM

To: Shouse, Kate; Sarofim, Marcus; Jordan, Scott

Cc: Hoffman, Howard Subject: RTC 4 111 b

I have added some edits to sharepoint version, and put in a few responses where I was able to.

Non-Responsive

Ex 5

Ex 5

Non-Responsive

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]
Cc: Shouse, Kate[Shouse.Kate@epa.gov]

From: Marten, Alex

Sent: Mon 7/6/2015 4:04:36 PM

Subject: Re: SCC

No thanks.

--

Alex L. Marten

phone: (202) 566-2301 email: marten.alex@epa.gov

On Jul 6, 2015, at 11:46 AM, Kopits, Elizabeth < Kopits. Elizabeth@epa.gov > wrote:

Hi guys – Do either of you want to look over these SCC Q&A for the Administrator's 7/9 testimony? Need to get it to OCIR soon but I am happy to wait for an hour or two. If you can't get to it before then, no worries! Just let me know either way.

Thanks,

Elizabeth

From: Roberts, Martha

Sent: Monday, July 06, 2015 9:19 AM

To: Kopits, Elizabeth

Cc: McGartland, Al; Marten, Alex; Shouse, Kate

Subject: RE: SCC

Sounds like they still need them. Thank you!

From: Kopits, Elizabeth

Sent: Monday, July 06, 2015 8:51 AM

To: Roberts, Martha

Cc: McGartland, Al; Marten, Alex; Shouse, Kate

Subject: FW: SCC

Hi Martha,

Do you know if OCIR still needs SCC Q&A for the Administrator's upcoming testimony before HST on "regulatory efforts" on 7/9? Alex B asked for this a while back (see email chain below) but I'm afraid I didn't get to close the loop on it. Perhaps you know what he ended up sending along, if anything, before he left?

Let me know when you can, or let me know who I should reach out to in OCIR to inquire about this if that is easier. I can easily send something along within the next few hours if need be.

Thanks,

Elizabeth

From: Kopits, Elizabeth

Sent: Thursday, June 18, 2015 1:55 PM

To: Barron, Alex; Marten, Alex **Cc:** McGartland, Al; Roberts, Martha

Subject: RE: SCC

Hi Alex,

I am working on the SCC materials, but given that I will still have to run it by Kate, and you will likely want to shorten/tweak too (we have so many Q&A at this point it's hard to know how many to include), it's unlikely that a final version will be ready for her book by COB today.

Any chance you can you get us a little extension?

Thanks,

Elizabeth

From: Wolverton, Ann

Sent: Wednesday, June 17, 2015 9:33 AM

To: Barron, Alex; Kopits, Elizabeth; Marten, Alex

Cc: McGartland, Al; Roberts, Martha

Subject: RE: SCC

Hi Alex,

Non-Responsive

Ann

From: Barron, Alex

Sent: Tuesday, June 16, 2015 11:03 AM **To:** Kopits, Elizabeth; Marten, Alex

Cc: Wolverton, Ann; McGartland, Al; Roberts, Martha

Subject: FW: SCC

The Administrator is testifying before HST on "regulatory efforts" on 7/9 but OCIR would like some materials for her book by COB this Thursday.

Can we pull together updated materials for the Administrator on SCC on that timeline? I

Ex 5

I think we want a short set of bullets on SCM, in case that comes up, reflecting what we did in HDV etc.

Non-Responsive

Al/Martha – Please chime in if you can think of other topics likely to come up.

Alex

<SCC hearing materials (07 06 15).docx>

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov] Cc: Alsalam, Jameel[Alsalam.Jameel@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]

From: Macpherson, Alex
Sent: Tue 6/9/2015 6:26:18

Sent: Tue 6/9/2015 6:26:18 PM Subject: RE: O&G Preamble and RIA

Hi Elizabeth

Non-Responsive

Alex

Ex 5

From: Kopits, Elizabeth

Sent: Tuesday, June 09, 2015 2:04 PM To: Macpherson, Alex; Shouse, Kate Cc: Alsalam, Jameel; Marten, Alex Subject: RE: O&G Preamble and RIA

Yes, I now remember Alex M mentioned something about this to me when I got back from

Ex 6 - Other

I will be interested to see the	Non-Responsive	though when you get
them.		
Thanks!		
Elizabeth		

From: Macpherson, Alex

Sent: Tuesday, June 09, 2015 2:02 PM To: Kopits, Elizabeth; Shouse, Kate Cc: Alsalam, Jameel; Marten, Alex Subject: RE: O&G Preamble and RIA

OK. That discussion was an joint effort btwn OAP, OP, and OAQPS, btw.

The contractors are also to revise the secondary emissions numbers; hopefully they will have them by Friday

Alex

From: Kopits, Elizabeth

Sent: Tuesday, June 09, 2015 1:59 PM To: Shouse, Kate; Macpherson, Alex Cc: Alsalam, Jameel; Marten, Alex Subject: RE: O&G Preamble and RIA

Oops, sorry I see now I should read the discussion around the tables in 4.7 more closely. Will do that now.

From: Kopits, Elizabeth

Sent: Tuesday, June 09, 2015 1:51 PM To: Shouse, Kate; Macpherson, Alex Cc: Alsalam, Jameel; Marten, Alex Subject: RE: O&G Preamble and RIA

Hi all,



Elizabeth

From: Shouse, Kate

Sent: Tuesday, June 09, 2015 11:10 AM

To: Macpherson, Alex

Cc: Alsalam, Jameel; Kopits, Elizabeth Subject: O&G Preamble and RIA

No action needed, just a heads up that I've carried various updates from landfills over to the oil and gas preamble and RIA. The oil and gas preamble now includes the shortened version of the SC-CH4 discussion (from landfills EG preamble), the latest numbers, and net benefits in 2020 of **Ex 5** along with a note about numbers not summing due to rounding. The O&G RIA now includes latest numbers and the SC-CH4 discussion from the landfills RIA.

Elizabeth is reviewing the SC-CH4 in O&G RIA as well.

Non-Responsive
flagged it for Marcus. The O&G preamble looks current and consistent with the similar edits made in landfills.

Thanks, Kate

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Macpherson, Alex[Macpherson.Alex@epa.gov]

Cc: Alsalam, Jameel[Alsalam.Jameel@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]

From: Shouse, Kate

Sent: Tue 6/9/2015 6:01:29 PM Subject: RE: O&G Preamble and RIA

Great, glad you found it. I was just about to respond and let you know that we also discussed this with Marcus, so we can loop him in if you'd like to discuss further.

From: Kopits, Elizabeth

Sent: Tuesday, June 09, 2015 1:59 PM To: Shouse, Kate; Macpherson, Alex Cc: Alsalam, Jameel; Marten, Alex Subject: RE: O&G Preamble and RIA

Oops, sorry I see now I should read the discussion around the tables in 4.7 more closely. Will do that now.

From: Kopits, Elizabeth

Sent: Tuesday, June 09, 2015 1:51 PM To: Shouse, Kate; Macpherson, Alex Cc: Alsalam, Jameel; Marten, Alex Subject: RE: O&G Preamble and RIA

Hi all,



Elizabeth

From: Shouse, Kate

Sent: Tuesday, June 09, 2015 11:10 AM

To: Macpherson, Alex

Cc: Alsalam, Jameel; Kopits, Elizabeth Subject: O&G Preamble and RIA

No action needed, just a heads up that I've carried various updates from landfills over to the oil and gas preamble and RIA. The oil and gas preamble now includes the shortened version of the SC-CH4 discussion (from landfills EG preamble), the latest numbers, and net benefits in 2020 of Non-Responsive along with a note about numbers not summing due to rounding. The O&G RIA now includes latest numbers and the SC-CH4 discussion from the landfills RIA.

Elizabeth is reviewing the SC-CH4 in O&G RIA as well.

Non-Responsive

flagged it for Marcus. The O&G preamble looks current and consistent with the similar edits made in landfills.

Thanks, Kate To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Shouse, Kate

Sent: Tue 6/9/2015 12:51:30 PM

Subject: O&G RIA

Thanks, Elizabeth. Just a heads up that I finished updating the numbers in the oil and gas RIA. Both the text and numbers should now be current for the SC-CH4 discussion.

From: Kopits, Elizabeth

Sent: Tuesday, June 09, 2015 8:23 AM **To:** Marsh, Karen; Thundiyil, Karen

Cc: Ward, Hillary; Fulcher, Charles; Shouse, Kate; Barron, Alex; McGartland, Al; Moore,

Chris; Marten, Alex

Subject: suggestions for shortening benefits language for Landfills EG

Hi Karen,

Not sure if you have already received this through other channels (I think Alex B. was trying to reach Peter T. yesterday), but we had a chance to discuss the status of the landfills benefits language with Joel and he had two suggestions:



Hope this helps. Please feel free to call me with any questions etc.

Thanks!

Elizabeth

National Center for Environmental Economics
Office of Policy, US EPA
1200 Pennsylvania Ave, NW, MC 1809T
Washington, DC 20460
(202) 566-2299
From: Marsh, Karen Sent: Thursday, June 04, 2015 3:01 PM To: Thundiyil, Karen Cc: Ward, Hillary; Fulcher, Charles; Shouse, Kate; Kopits, Elizabeth Subject: Updated benefits language for Landfills NSPS
Karen,
Attached is the updated version of the benefits language for the Landfills NSPS. This language will go immediatel following Table 1 in the preamble. This is more in line with the amount of detail needed for the preamble. Please review this language and let me know if you have any additional comments or edits. Once we receive those edits we can finalize the package and have it sent back through the proper channels for submittal to OMB.
Thanks,
Karen

Elizabeth Kopits, Ph.D.

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

To: Shouse, Kate[Shouse.Kate@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Marten, Alex

Sent: Thur 5/28/2015 8:18:10 PM **Subject:** RE: updates in oil and gas

Cool. If I see a copy I'll be sure to check.

- -

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

From: Shouse, Kate

Sent: Thursday, May 28, 2015 4:06 PM To: Marten, Alex; Kopits, Elizabeth Subject: RE: updates in oil and gas

Thanks, Alex. I am going to update our spreadsheets tomorrow. I've updated the language in the oil and gas preamble to parallel the language Elizabeth added to landfills. I did not have time to update the numbers and just flagged them. The o&g preamble is going to Janet tomorrow, though no one knows what time they'll call pens down, so I may be able to update them before it goes to her.

On CPP, I don't have access to the entire master file of the preamble. Therefore, Alex Mac needs to carry all of those edits over. If you get a copy of the master CPP preamble tomorrow (and are working/have time), would be helpful to skim the SCC section and make sure those edits are in there. I'd also be happy to take a look and make sure.

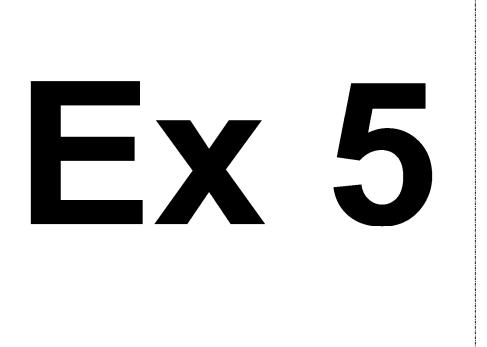
From: Marten, Alex

Sent: Thursday, May 28, 2015 2:30 PM **To:** Shouse, Kate; Kopits, Elizabeth **Subject:** RE: updates in oil and gas

Sorry I don't have it in an spreadsheet...

EX5

Ex 5



- -

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

From: Shouse, Kate

Sent: Thursday, May 28, 2015 2:17 PM

To: Kopits, Elizabeth **Cc:** Marten, Alex

Subject: RE: updates in oil and gas

Thanks, Elizabeth. If you or Alex send me the 2007\$, I can add them both to the spreadsheets we're using on the rules (one for landfills, one for O&G). Each spreadsheet has the GDP inflators built in so we can quickly adjust them. I think we cite this inflator in the RIA so prefer to use that one.

From: Kopits, Elizabeth

Sent: Thursday, May 28, 2015 12:58 PM

To: Shouse, Kate **Cc:** Marten, Alex

Subject: RE: updates in oil and gas

Hi Kate -

Here's what I have done for the Landfill EG preamble. In the case of landfills, the package may very well go over to OMB with the comment bubbles that flag where numbers still need to be inserted. For O&G we may have time to add the corrected numbers before OMB transmission, but for now I suggest just using this approach.

We have the corrected SCM numbers in 2007\$. We will need to update to 2012\$ for landfills. Not sure what O&G is using.

Alex – when you get a chance, can you send us the full table of corrected estimates – for all years through 2050?

Thanks!

Elizabeth

From: Shouse, Kate

Sent: Thursday, May 28, 2015 12:41 PM

To: Kopits, Elizabeth

Subject: RE: updates in oil and gas

That would be great, thanks.

From: Kopits, Elizabeth

Sent: Thursday, May 28, 2015 12:33 PM

To: Shouse, Kate **Cc:** Marten, Alex

Subject: Re: updates in oil and gas

I will send you what I am doing for landfills shortly as I think the treatment should be similar.

Sent from my iPhone

On May 28, 2015, at 12:18 PM, "Shouse, Kate" < Shouse.Kate@epa.gov > wrote:

Hi – The oil and gas preamble is going to OAR's front office today and I'm trying to determine whether it makes sense to add the SCC update now or wait for the next round.



Thanks, Kate

From: Kopits, Elizabeth

Sent: Wednesday, May 27, 2015 2:58 PM

To: Shouse, Kate **Cc:** Marten, Alex

Subject: rulemaking pipeline

SCC plan for rules in pipeline:



EX 5

From: Shouse, Kate

Sent: Wednesday, May 27, 2015 2:50 PM

To: Kopits, Elizabeth **Cc:** Marten, Alex

Subject: RE: draft capability statement on SCC

Thanks, Elizabeth, I did receive that statement and the same June 1 deadline. I haven't drafted anything yet and will take a look at what you wrote; will be good to pass the same language forward in OP and OAR. I also received some EPW QFRs, due June 3rd that I have not yet opened; will send you the draft (not likely today).

In other SCC news:



Ex 5

From: Kopits, Elizabeth

Sent: Wednesday, May 27, 2015 2:34 PM

To: Shouse, Kate

Cc: Marten, Alex; McGartland, Al; Bowen, Jennifer

Subject: draft capability statement on SCC

Importance: High

Hi Kate (and Alex if you have time) –

Did the request for a capability statement on SCC related to some Senate bill language come over to you too? See below and attached. I have an initial (likely way too long) draft of the statement – also attached. If you have time and want to weigh in, I would welcome any edits/suggestions.

I have to send it to Robin by June 1, but she tells me they will not be released until June 16th.

Thanks,

Elizabeth

From: Kime, Robin

Sent: Thursday, May 21, 2015 4:15 PM

To: McGartland, Al; Simon, Nathalie; Bowen, Jennifer; Snyder, Brett; Kopits, Elizabeth

Cc: Roberts, Martha; Barron, Alex; Teplitzky, Andy; Derkasch, Patricia **Subject:** Capability Statements - Due to Robin by 4:00 p.m. 6/4 please

Importance: High

Greetings,

EPA programs are asked to prepare capability statements for programmatic issues. Please see the attached document which is the master list of bill language from the Senate. Additionally, attached is the pdf of the capability statements that assigns programs to language. OCIR asked us to take the lead on the response to two topics:

Non-Responsive

Social Cost of Carbon – Pg 10

Please send me your proposed responses by 4:00 p.m. on June 4.

Thanks

Robin

564-6587

Background:

Each year we are asked by the Appropriations committee staff to review proposed Bill and Report language requests they received from Member offices. This goes back to the days of earmarks in which we reviewed the proposed project to see if the Agency was "capable" of awarding this grant under our existing authorities. Since the earmark ban in 2010 we now review only the proposed Bill and Report language sent to the Committee from the Members offices.

Attached is the master list of proposed Bill or Report language from the Senate. We would like you to circulate this to your program areas and have them complete a capability statement for each relevant item. A sample capability statement is also attached. Let me know if there are questions.

To: Shouse, Kate[Shouse.Kate@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Marten, Alex

Sent: Thur 5/28/2015 6:17:41 PM **Subject:** RE: updates in oil and gas

I will send them around shortly.

- -

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

From: Shouse, Kate

Sent: Thursday, May 28, 2015 2:17 PM

To: Kopits, Elizabeth **Cc:** Marten, Alex

Subject: RE: updates in oil and gas

Thanks, Elizabeth. If you or Alex send me the 2007\$, I can add them both to the spreadsheets we're using on the rules (one for landfills, one for O&G). Each spreadsheet has the GDP inflators built in so we can quickly adjust them. I think we cite this inflator in the RIA so prefer to use that one.

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Hi – The oil and gas preamble is going to OAR's front office today and I'm trying to determine whether it makes sense to add the SCC update now or wait for the next round. Key question for me is whether we think we'll be able to update the numbers before sending to OMB, as that will affect how we present the update. Are the corrected SC-CH4 estimates ready now and if not, do we expect them before end of next week? Also, should I include a placeholder for an erratum (possibly listed as submitted rather than accepted)?

Thanks, Kate

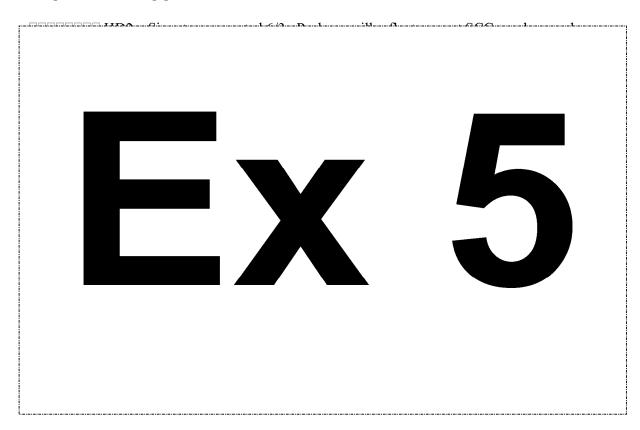
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Subject: rulemaking pipeline

SCC plan for rules in pipeline:



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In other SCC news:

(1)	Briefly reviewed NHTSA's draft EIS (comments due tomorrow).	Ex 5
	Ex 5	
	111(d) has a pens-down deadline of Ex 5 I am drafting vs (RTC, NAS, correction) and will send to you and Alex M. Will al	
	2 estimates in the table. Non-Responsive	9

From: Kopits, Elizabeth

Sent: Wednesday, May 27, 2015 2:34 PM

To: Shouse, Kate

Cc: Marten, Alex; McGartland, Al; Bowen, Jennifer

Subject: draft capability statement on SCC

Importance: High

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To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Sarofim, Marcus[Sarofim.Marcus@epa.gov]

Cc: Fulcher, Charles[Fulcher.Charles@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]

From: Shouse, Kate

Sent: Mon 7/13/2015 6:10:45 PM

Subject: landfills and OMB comments on NSPS OMB Comments (CCD responses) v2.docx

Thanks, Elizabeth, sounds good on Non-Responsive discussion (including the update that Marcus sent earlier today).

Charlie, do you know who can answer the question about OMB comment #28 (below)? Also, I've added one more response from Marcus to the OMB comments, attached. It's Technical Comments, #4, and flagged as a comment bubble to show what changed from the version I sent on Friday. Thanks!

OMB comment #28 Non-Responsive

Non-Responsive

Non-Responsive

Are you able to confirm that or would Hillary?

From: Kopits, Elizabeth

Sent: Monday, July 13, 2015 8:59 AM To: Shouse, Kate; Sarofim, Marcus Cc: Fulcher, Charles; Marten, Alex

Subject: RE: Summary of Interagency Comments under EO 12866 and 13563 for EPA's MSW

Landfill Rules (RINs 2060-AM08 and 2060-AS23)

Thanks, Kate. Looping in Alex M too since he will be interested in the answer to Marcus' question re:

Non-Responsive

As for your question on what more to add to docket on Sarofim et al., my feeling is that a copy of the forthcoming paper should be sufficient for purposes of the Landfill and O&G proposals, but happy to discuss once you have had a chance to look at the latest version of the RIA insert.

Thanks!

Elizabeth

From: Shouse, Kate

Sent: Friday, July 10, 2015 4:25 PM

To: Sarofim, Marcus

Cc: Fulcher, Charles; Kopits, Elizabeth

Subject: RE: Summary of Interagency Comments under EO 12866 and 13563 for EPA's MSW

Landfill Rules (RINs 2060-AM08 and 2060-AS23)

+ Elizabeth (no action needed but we'll likely need to talk Monday about Non-Responsive below).

Thanks, Marcus! One question – should we insert a reference in RIA Ch 4 to a docket memo

Non-Responsive

Charlie, I've added Marcus' edits and my edits to the attached preamble and RIA. (I used the RIA that went to OMB, not the version you sent earlier this afternoon). I also updated the SCC links in the RIA and preamble. One outstanding question on OMB comment # Non-Responsive

Non-Responsive

From: Sarofim, Marcus

Sent: Friday, July 10, 2015 2:59 PM

To: Shouse, Kate

Subject: RE: Summary of Interagency Comments under EO 12866 and 13563 for EPA's MSW

Landfill Rules (RINs 2060-AM08 and 2060-AS23)

Non-Responsive

Non-Responsive

(adding "at the time" should clarify for OMB reviewer, and restructured 2nd paragraph because it

Non-Responsive

2) Reviewer recommends increased reliance on citations in the climate change section (pages from approximately 20-50 EG).

Non-Responsive

Pages 33-35 are a summary of the 2009 Endangerment Finding (which itself summarizes the assessment literature), and therefore inserting citations in the middle of the summary would not be appropriate. The statements from pages 35-50 reference in text the assessments (NCA3, NRC,

[We could make pg 33-35 even more clear by modifying the first sentence of each section: e.g.,

Non-Responsive

Non-Responsive

Sounds like Alex & Elizabeth are on top of this one, but I'm happy to help. The difference

Non-Responsive

Ex 5

(Sarofim et al., Environmental and Resource Economics, 2015. DOI: 10.1007/s10640-015-9937-6)

-Marcus

Marcus C. Sarofim, PhD phone: 202-343-9993

WJC East 4410M Environmental Scientist Climate Science & Impacts Branch

From: Shouse, Kate

Sent: Friday, July 10, 2015 10:55 AM

To: Sarofim, Marcus

Subject: FW: Summary of Interagency Comments under EO 12866 and 13563 for EPA's MSW

Landfill Rules (RINs 2060-AM08 and 2060-AS23)

Importance: High

Hi, Marcus, We received OMB comments on landfills and looks like they have some comments on the Non-Responsive The Word document lists OMB comments (those in yellow are for OAP, see below for explanation); the attached email includes the documents we sent to OMB.

Haven't read through in detail, just wanted to send along now given tight timeline. Thanks!

From Hillary's msg:

Everyone should use the OMB version of the package to track in edits. Please keep me posted on status, as comments will need to be turned around quickly.

1st target: 2pm today: Let me know if a call is needed to discuss comments with OMB.

2nd target: COB Monday: resolution of outstanding comments

From: Ward, Hillary

Sent: Friday, July 10, 2015 10:03 AM

To: Fulcher, Charles; Marsh, Karen; Kopits, Elizabeth; Shouse, Kate; Marsh, Karen; Ganguli,

Swarupa; Cappel, Kirsten; Vetter, Rick

Cc: Cozzie, David

Subject: FW: Summary of Interagency Comments under EO 12866 and 13563 for EPA's MSW

Landfill Rules (RINs 2060-AM08 and 2060-AS23)

Importance: High

Hi everyone,

We are still working toward signature on Please see the attached comments. I have modified as follows:

Highlights (assignments)

Teal: OAP-LMOP

Yellow: OP-econ, HEID, OAP-CCD (including entire separate RIA comment section)

Green: HEID

RED: OAP-LMOP and SPPD

Gray: OP-econ, HEID, OAQPS

Pink OGC. Note last comment Non-Responsive

No highlight: SPPD

Everyone should use the OMB version of the package to track in edits. Please keep me posted on status, as comments will need to be turned around quickly.

1st target: 2pm today: Let me know if a call is needed to discuss comments with OMB.

2nd target: COB Monday: resolution of outstanding comments

Hillary Ward

US EPA, Sector Policies and Programs Division

Fuels and Incineration Group

(919)541-3154

From: Thundiyil, Karen

Sent: Friday, July 10, 2015 9:34 AM

To: Ward, Hillary; Marsh, Karen; Cozzie, David

Subject: FW: Summary of Interagency Comments under EO 12866 and 13563 for EPA's MSW

Landfill Rules (RINs 2060-AM08 and 2060-AS23)

I'll fill you in on the latest with OMB on timing later this morning when I have more details.

From: Grossman, Andrea [mailto: EOP email/phone]

Sent: Thursday, July 09, 2015 5:34 PM

To: Thundiyil, Karen

Cc: Szabo, Aaron; Laity, Jim

Subject: Summary of Interagency Comments under EO 12866 and 13563 for EPA's MSW

Landfill Rules (RINs 2060-AM08 and 2060-AS23)

Attached please find a summary of interagency comments under EOs 12866 and 13563 on the EPA supplemental proposal and proposed rule, titles "Standards of Performance for Municipal Solid Waste Landfills" and "Emissions Guidelines and Compliance Times for Municipal Solid Waste Landfills", as well as the accompanying RIA covering both.

These compiled comments are being sent at this point in light of ongoing discussions about this rule's schedule. Additional interagency comments will be sent as they become available.

Please let me know if you have any questions.

Andrea Grossman Office of Information and Regulatory Affairs

EOP email/phone

To: Vetter, Rick[Vetter.Rick@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Marsh,

Karen[Marsh.Karen@epa.gov]; Cozzie, David[Cozzie.David@epa.gov]

Cc: Fulcher, Charles[Fulcher.Charles@epa.gov]; Ganguli, Swarupa[Ganguli.Swarupa@epa.gov];

Schmeltz, Rachel[Schmeltz.Rachel@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]; Moore,

Chris[Moore.Chris@epa.gov]; Thundiyil, Karen[Thundiyil.Karen@epa.gov]

From: Ward, Hillary

Sent: Tue 7/7/2015 1:08:57 PM

Subject: RE: Landfills OMB Briefing Slides - FOR REVIEW

Landfills Interagency Briefing 070715.pptx

Hi everyone,

Final version attached (dated 7-7). This version supersedes all previous versions. I made some additional edits this morning (primarily to technical content). Most edits related to rule requirements, data gathering etc.

No changes made to climate benefits slides. Changes from yesterday are still incorporated.

Thanks again!

Hillary Ward

US EPA, Sector Policies and Programs Division

Fuels and Incineration Group

(919)541-3154

From: Vetter, Rick

Sent: Monday, July 06, 2015 4:10 PM

To: Kopits, Elizabeth; Ward, Hillary; Marsh, Karen; Cozzie, David

Cc: Fulcher, Charles; Ganguli, Swarupa; Schmeltz, Rachel; Shouse, Kate; Moore, Chris;

Thundiyil, Karen

Subject: RE: Landfills OMB Briefing Slides - FOR REVIEW

That would help me at least. Thanks.

Richard H. Vetter

Attorney Advisor

Air & Radiation Law Office

Office of General Counsel

U.S. Environmental Protection Agency

vetter.rick@epa.gov

919-541-2127

From: Kopits, Elizabeth

Sent: Monday, July 06, 2015 3:05 PM

To: Ward, Hillary; Vetter, Rick; Marsh, Karen; Cozzie, David

Cc: Fulcher, Charles; Ganguli, Swarupa; Schmeltz, Rachel; Shouse, Kate; Moore, Chris;

Thundiyil, Karen

Subject: RE: Landfills OMB Briefing Slides - FOR REVIEW

Not sure I completely understand Rick's question on slides 13 and 26, but perhaps it would be clearer to retitle the first column in both tables to "Methane reductions (mmt CH4)"? The column shows the total CH4 reductions expected under the proposed option. The other columns provide the monetized benefit to society from these reductions, calculated using the \$/tCH4 numbers (for the year 2025) on slide 12.

Does that help?

Elizabeth

From: Ward, Hillary

Sent: Monday, July 06, 2015 2:55 PM

To: Vetter, Rick; Kopits, Elizabeth; Marsh, Karen; Cozzie, David

Cc: Fulcher, Charles; Ganguli, Swarupa; Schmeltz, Rachel; Shouse, Kate; Moore, Chris;

Thundiyil, Karen

Subject: Re: Landfills OMB Briefing Slides - FOR REVIEW

Rick,

I'm generally ok with these edits and will fold them into the master. Elizabeth/others any additional comments/suggestions about Rick's edit to slide 26.

From: Vetter, Rick

Sent: Monday, July 6, 2015 2:39 PM

To: Ward, Hillary; Kopits, Elizabeth; Marsh, Karen; Cozzie, David

Cc: Fulcher, Charles; Ganguli, Swarupa; Schmeltz, Rachel; Shouse, Kate; Moore, Chris;

Thundiyil, Karen

Subject: RE: Landfills OMB Briefing Slides - FOR REVIEW

Hillary,

A number of suggest changes. Let me know if you have any questions.

Rick

Richard H. Vetter

Attorney Advisor

Air & Radiation Law Office

Office of General Counsel

U.S. Environmental Protection Agency

vetter.rick@epa.gov

From: Ward, Hillary Sent: Monday, July 06, 2015 1:26 PM To: Kopits, Elizabeth; Marsh, Karen; Cozzie, David; Vetter, Rick Cc: Fulcher, Charles; Ganguli, Swarupa; Schmeltz, Rachel; Shouse, Kate; Moore, Chris; Thundiyil, Karen Subject: Re: Landfills OMB Briefing Slides - FOR REVIEW Hi everyone, Revised slide deck attached. Comments incorporated Response to CCD: slide 3 already clarified Non-Responsive slide 4 unnecessary slide 8: common naming convention slide 14: topics will be discussed as proposed. No need to craft special "proposal" identifier just for treatment slide 16: already covered on slide 19 slide 24: standard naming convention. baseline presented with option tables for comparison. standard practice to present this way. Response to Elizabeth slides 13 and 26:

Ex 5

Any additional comments... please let me know.

Thanks everyone.

From: Kopits, Elizabeth

Sent: Monday, July 6, 2015 11:02 AM

To: Marsh, Karen; Cozzie, David; Vetter, Rick; Ward, Hillary

Cc: Fulcher, Charles; Ganguli, Swarupa; Schmeltz, Rachel; Shouse, Kate; Moore, Chris;

Thundiyil, Karen

Subject: RE: Landfills OMB Briefing Slides - FOR REVIEW

Hi Karen,

Here are a few comments from Chris and me on the deck. Any additions/edits we made are in red font.

Thanks,

Elizabeth

From: Marsh, Karen

Sent: Thursday, July 02, 2015 10:27 AM **To:** Cozzie, David; Vetter, Rick; Ward, Hillary

Cc: Fulcher, Charles; Ganguli, Swarupa; Kopits, Elizabeth; Schmeltz, Rachel; Shouse, Kate

Subject: Landfills OMB Briefing Slides - FOR REVIEW

All,

Attached are the draft briefing slides for next week's OMB meeting on both landfills packages. I realize it's a holiday weekend but hope that you all have a chance to review the slides and provide comments by midday Monday. Please let me know if you have any additional questions and thank you in advance for your assistance.

Karen

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

To: Shouse, Kate[Shouse.Kate@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Marten, Alex

Sent: Fri 6/5/2015 8:55:49 PM **Subject:** RE: 95th %tile text

OK sounds good I will take a look at 4

- -

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

From: Shouse, Kate

Sent: Friday, June 05, 2015 4:17 PM **To:** Marten, Alex; Kopits, Elizabeth

Subject: RE: 95th %tile text

Thanks, Alex, hope that you've recovered. I didn't get a chance to discuss with Elizabeth so will try to catch one of you about it on Monday.

Also, Alex, I don't think I sent you the updated version of 111(d) RIA CH 4; the edits are still in redline and ready for your review. Bryan and I have updated the numbers – they reflect latest SC-CO2 and Non-Responsive t's in OneDrive – having a hard time opening it now but I can send the link later if you don't have it at your fingertips.

From: Marten, Alex

Sent: Thursday, June 04, 2015 6:29 PM **To:** Shouse, Kate; Kopits, Elizabeth

Subject: RE: 95th %tile text

Kate, did you and Elizabeth ever talk about this? I was out sick yesterday and in meetings pretty much all of today so I am a little behind on things.

I am around tomorrow if you want to talk about.

- -

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

From: Shouse, Kate

Sent: Tuesday, June 02, 2015 11:58 AM

To: Kopits, Elizabeth Cc: Marten, Alex Subject: 95th %tile text



From: Kopits, Elizabeth

Sent: Tuesday, June 02, 2015 11:32 AM

To: Marsh, Karen; Vetter, Rick; Thundiyil, Karen

Cc: Ward, Hillary; Cozzie, David; Fulcher, Charles; Shouse, Kate; Moore, Chris; Marten, Alex

Subject: RE: Landfills supplemental NSPS - SC-CH4 insert

Hi Karen et al.

My apologies yet again, but as I am reviewing the RIA (still the advance copy I believe), I noticed a few things that would be good to update in the NSPS FRN to improve consistency across documents. Attached is the supplemental FRN plus the benefits insert from yesterday with a few more edits on each.

I hope this helps. Please let me know if you would like to discuss.

Thanks!

Elizabeth

From: Marsh, Karen

Sent: Monday, June 01, 2015 4:25 PM

To: Kopits, Elizabeth; Vetter, Rick; Thundiyil, Karen

Cc: Ward, Hillary; Cozzie, David; Fulcher, Charles; Shouse, Kate; Moore, Chris; Marten, Alex

Subject: RE: Landfills supplemental NSPS - SC-CH4 insert

Thanks Elizabeth. I'll get these changes incorporated.

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Kopits, Elizabeth

Sent: Monday, June 01, 2015 3:36 PM

To: Marsh, Karen; Vetter, Rick; Thundiyil, Karen

Cc: Ward, Hillary; Cozzie, David; Fulcher, Charles; Shouse, Kate; Moore, Chris; Marten, Alex

Subject: RE: Landfills supplemental NSPS - SC-CH4 insert

Hi Karen et al.,

Sorry for the multiple emails, but here is an update to the file I just sent you. It includes two more minor edits from Alex M.

Thanks!

Elizabeth

From: Kopits, Elizabeth

Sent: Monday, June 01, 2015 3:06 PM

To: Marsh, Karen; Vetter, Rick; Thundiyil, Karen

Cc: Ward, Hillary; Cozzie, David; Fulcher, Charles; Shouse, Kate; Moore, Chris; Marten, Alex

Subject: RE: Landfills supplemental NSPS - SC-CH4 insert

Hi Karen et al.,

I think this is a good length for the supplemental. Attached are some suggested edits that hopefully do not make it too much longer!

Please feel free to call me to discuss, or Kate and I can just iterate directly if that is easier (we are working together on the SCC/SCM section for a number of other rules anyway).

Thanks,

Elizabeth

Elizabeth Kopits, Ph.D.

National Center for Environmental Economics

Office of Policy, US EPA

1200 Pennsylvania Ave, NW, MC 1809T

Washington, DC 20460

(202) 566-2299

From: Marsh, Karen

Sent: Monday, June 01, 2015 1:31 PM

To: Vetter, Rick; Thundiyil, Karen; Kopits, Elizabeth

Cc: Ward, Hillary; Cozzie, David; Fulcher, Charles; Shouse, Kate

Subject: Landfills supplemental NSPS - SC-CH4 insert

Rick, Karen, and Elizabeth,

Attached for your review is language we intend to insert in the MSW Landfills NSPS Supplemental proposal related to the social-cost of methane. This text will go immediately following Table 1. Kate Shouse prepared the text and Charlie and I worked together to make a few minor edits, including only presenting the proposed option in Table 2

To: Shouse, Kate[Shouse.Kate@epa.gov] Cc: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov] From: Thundiyil, Karen Fri 6/5/2015 2:20:00 PM Sent: Subject: RE: Updated benefits language for Landfills NSPS I'm not sure either, Kate... Elizabeth, do you know? It sounds like Al wanted to talk to you about it. Would you then send the language to OAQPS? Thanks! From: Shouse, Kate Sent: Friday, June 05, 2015 9:58 AM To: Thundiyil, Karen Cc: Kopits, Elizabeth Subject: RE: Updated benefits language for Landfills NSPS Hi, Karen. I'm not sure whether Al wanted to update the draft (based on his email) but just wanted to confirm that I don't have any further edits. Thanks. Kate From: Thundiyil, Karen Sent: Thursday, June 04, 2015 4:46 PM To: Kopits, Elizabeth Cc: Shouse, Kate; Barron, Alex; McGartland, Al Subject: RE: Updated benefits language for Landfills NSPS Thanks for looking at this, Elizabeth. I don't have any edits.

I'll send you the revised supplemental proposal once I have it.

Karen.

ED_442-000925573

From: Kopits, Elizabeth

Sent: Thursday, June 04, 2015 4:42 PM

To: Thundiyil, Karen

Cc: Shouse, Kate; Barron, Alex; McGartland, Al

Subject: Re: Updated benefits language for Landfills NSPS

Karen T. and Kate,



I am also looping in AI and Alex B above to let them know where things stand. After continued back and forth with OAQPS, the draft benefits discussion in the landfill supplemental is now down to less than 2 pages (attached). It mentions that we use Marten et al., but points reader to RIA for all details on SC-CH4 (and SC-CO2). (Note the numbers here do not yet reflect the SCC correction.)

Finally, Karen, I would be interested in seeing the full supplemental proposal FRN once you get it - to see if they accepted my other few edits re: impacts and costs preceding the benefits discussion.

Thanks!

Elizabeth

From: Marsh, Karen

Sent: Thursday, June 4, 2015 3:00 PM

To: Thundiyil, Karen
Cc: Ward, Hillary; Fulcher, Charles; Shouse, Kate; Kopits, Elizabeth
Subject: Updated benefits language for Landfills NSPS

Karen,

Attached is the updated version of the benefits language for the Landfills NSPS. This language will go immediately following Table 1 in the preamble. This is more in line with the amount of detail needed for the preamble. Please review this language and let me know if you have any additional comments or edits. Once we receive those edits we can finalize the package and have it sent back through the proper channels for submittal to OMB.

Thanks,
Karen

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Moore, Chris

Sent: Thur 5/28/2015 7:32:15 PM

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Hi Elizabeth,

I'll review the RIA tomorrow so you can have my comments (if any) when you review on Monday.

Chris

From: Kopits, Elizabeth

Sent: Thursday, May 28, 2015 2:43 PM To: Thundiyil, Karen; Barron, Alex Cc: Moore, Chris; Marten, Alex

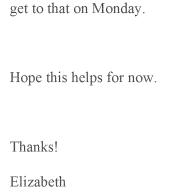
Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Hi Alex et al.,

Have you had a chance to touch base with OAR about the missing benefits section in the Landfills NSPS? If so, are they taking the first stab at adding it, or should we? I have made edits to the benefits discussion in the Landfills EG preamble (attached here – see pp. 206-223). Per our discussion yesterday, my edits update the text to mention RTC/NAS/TSD, and flag all numbers that still need to be updated to reflect the SCC correction. (Kate, and Alex M and I have developed a lot of this together so the language is consistent with what is being circulated on 111d and drafting of O&G.)

I think they could pretty much lift the entire section from the EG Preamble straight into the NSPS too. The only issue is that the benefits discussion in the EG preamble is quite long (~17 pages), whereas the entirety of the NSPS is currently 30 pages. Is this a problem? I will hold off on doing anything else till I hear from you.

Also, I have not had a chance to review the advance copy of the combined NSPS/EG RIA – will



From: Thundiyil, Karen

Sent: Wednesday, May 27, 2015 2:52 PM

To: Kopits, Elizabeth

Cc: Moore, Chris; Marten, Alex

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

There's a benefits section (~p16), there are just no monetized benefits, as far as I see. Barron will touch base with OAR about it.

Non-Responsive

From: Kopits, Elizabeth

Sent: Wednesday, May 27, 2015 2:44 PM

To: Thundiyil, Karen

Cc: Moore, Chris; Marten, Alex

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Thanks, Karen.

I just skimmed through the FRN and see that it is still missing a benefits discussion. I will check in with Alex B to see if OAR will take the first stab at adding it, or if I should suggest specific text (based on the discussion and numbers in the RIA).

As for the cost effectiveness numbers, in response to our earlier question on this, OAR responded that the numbers just look the same because of rounding.

Thanks,

Elizabeth

From: Thundiyil, Karen

Sent: Wednesday, May 27, 2015 2:26 PM

To: Kopits, Elizabeth

Cc: Moore, Chris; Marten, Alex

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Here's the revised FRN – Federal Register Notice.

Barron told me he's going to touch base with OAR about monetized benefits for this package.

Non-Responsive

Karen.

From: Kopits, Elizabeth

Sent: Wednesday, May 27, 2015 10:07 AM

To: Thundiyil, Karen

Cc: Moore, Chris; Marten, Alex Subject: RE: Landfills NSPS Supplemental Proposal OMB Package Oops- sorry, I just realized that the docs Karen M sent last Friday were all for the EG. Can you send me the latest NSPS preamble, so I can take a look? Thanks, Elizabeth From: Kopits, Elizabeth Sent: Wednesday, May 27, 2015 10:05 AM To: Thundiyil, Karen Cc: Moore, Chris; Marten, Alex Subject: RE: Landfills NSPS Supplemental Proposal OMB Package Hi Karen, FRN? Do you mean the supplemental proposal for the NSPS? Is it the same as the advance copy we got from Karen Marsh on Friday (11:27am email), or have they now incorporated all of Janet's comments? Do you have the EG preamble and the combined NSPS/EG RIA yet? Thanks, Elizabeth

From: Thundiyil, Karen

Sent: Tuesday, May 26, 2015 3:26 PM

To: Kopits, Elizabeth

Cc: Moore, Chris; Marten, Alex

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Hi Elizabeth,

The latest FRN from OAR is here. Have you heard back from Alex B on this issue?

I'll start the package review and will use the econ writeup that Chris provided.

Let me know – thanks!

Karen.

From: Kopits, Elizabeth

Sent: Thursday, May 21, 2015 11:44 AM

To: Thundiyil, Karen

Cc: Moore, Chris; Marten, Alex

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Thanks, Karen. Alex B did not respond to that email, but he is aware of the issue and we are working on some language on climate benefits that will likely need to be added to several regs in the pipeline, including this one. So he is well aware that some edits will be needed before anything goes to OMB.

From: Thundiyil, Karen

Sent: Thursday, May 21, 2015 8:51 AM

To: Kopits, Elizabeth

Cc: Moore, Chris; Marten, Alex

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

I think your idea of making the comment, and providing language, when the package gets to OP for review is a good path forward. Then, we can make sure the OP IO is aware.

Did Barron respond to your cc:? I gave my management a heads up, but I haven't heard anything. Then again, I was out yesterday.

Karen.

From: Kopits, Elizabeth

Sent: Wednesday, May 20, 2015 2:50 PM

To: Thundiyil, Karen

Cc: Moore, Chris; Marten, Alex

Subject: FW: Landfills NSPS Supplemental Proposal OMB Package

Hi Karen,

I'm not sure who the David is she refers to below, but I still think their suggested summary below is insufficient. It needs to include a summary of the monetized benefits, and likely even a discussion of the newly adopted approach to monetizing the methane impacts. I'm not sure if it is worth going back to them about this now, or just waiting to make this comment – along with suggesting specific language – when the package officially gets to OP for review.

Happy to discuss further on Thursday if that is helpful.

Thanks,

Elizabeth

From: Marsh, Karen

Sent: Wednesday, May 20, 2015 1:02 PM

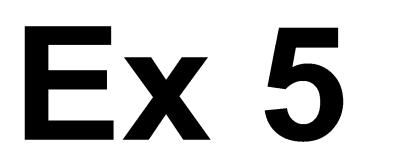
To: Thundiyil, Karen

Cc: Ward, Hillary; Moore, Chris; Kopits, Elizabeth

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Karen,

After the discussion with David yesterday, we've added the following language to the NSPS supplemental proposal to address benefits. The bolded text reflects the changes. This is in line with the level of detail provided in the NSPS proposal in July 2014. Since this is a supplemental to that proposal we do not need to go into additional detail. This language is in the paragraph directly before Table 1.



Please let me know if you have any further comments related to the benefits discussion.

Thanks,

Karen

Karen R. Marsh, PE US EPA, OAQPS, Sectors Policies and Programs Division Fuels and Incineration Group 109 TW Alexander Drive, Mail Code E143-05 Research Triangle Park, NC 27711 Direct: (919) 541-1065; email: marsh.karen@epa.gov From: Thundiyil, Karen Sent: Tuesday, May 19, 2015 1:30 PM To: Marsh, Karen Cc: Ward, Hillary; Moore, Chris; Kopits, Elizabeth Subject: RE: Landfills NSPS Supplemental Proposal OMB Package Hi Karen, Thanks a lot for responding to the comments/questions. I don't have any immediate questions. If OAR IO has changes, would you please let us know? FYI, I'm going to be out all of tomorrow/Wednesday, but back for the rest of the week. Assuming I get notice about any changes, I'll turn the package around to my management for OMB transmittal in short order. Are you around on Thursday/Friday if questions come up? Karen.

From: Marsh, Karen

Sent: Tuesday, May 19, 2015 1:04 PM

To: Thundiyil, Karen

Cc: Ward, Hillary; Moore, Chris; Kopits, Elizabeth

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Karen,

Attached are our responses to the comments OP provided in advance of receiving the official version from OAR. Where appropriate, these changes have already been made in the version you should receive from OAR directly.

Ex 5

Thanks, Karen

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Thundiyil, Karen

Sent: Monday, May 18, 2015 11:53 AM

To: Marsh, Karen

Cc: Ward, Hillary; Moore, Chris; Kopits, Elizabeth

Subject: RE: Landfills NSPS Supplemental Proposal OMB Package

Thanks for sharing, Karen. I had some minor comments. See the attachment. What kind of comments did you get from OAR IO?
What's the timing for the EG package? When do you think you will send the NSPS package for OMB transmittal?
Talk to you later,
Karen.
From: Marsh, Karen Sent: Thursday, May 14, 2015 12:52 PM To: Thundiyil, Karen; Moore, Chris; Kopits, Elizabeth Cc: Ward, Hillary Subject: FW: Landfills NSPS Supplemental Proposal OMB Package
Karen, Chris, and Elizabeth,
Attached is an advanced copy of the NSPS Supplemental Proposal for Landfills as submitted for OAR today. Please let me know if you have any questions.
Thanks,
Karen

Karen R. Marsh, PE
US EPA, OAQPS, Sectors Policies and Programs Division
Fuels and Incineration Group
109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Shouse, Kate

Sent: Wed 1/14/2015 7:01:26 PM

Subject: RE: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

Got it, thanks!

From: Kopits, Elizabeth

Sent: Wednesday, January 14, 2015 1:54 PM **To:** Shouse, Kate; Marten, Alex; Fawcett, Allen

Cc: Li, Jia

Subject: RE: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

No, I don't think Alex needs to comment. Thanks.

From: Shouse, Kate

Sent: Wednesday, January 14, 2015 1:48 PM **To:** Kopits, Elizabeth; Marten, Alex; Fawcett, Allen

Cc: Li, Jia

Subject: RE: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

Thanks, Elizabeth, these are all good edits. I've accepted all of them except the footnote, given that this will likely be sent in the body of an email and it seems like more detail than she needs. Please let me know if you have any concerns.

Alex, do you plan to comment as well?

From: Kopits, Elizabeth

Sent: Wednesday, January 14, 2015 1:29 PM **To:** Shouse, Kate; Marten, Alex; Fawcett, Allen

Cc: Li, Jia

Subject: RE: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

Hi Kate,

I think it looks pretty good. Attached are just a few edits. Hope this helps! Please feel free to call if you'd like to discuss.

Thanks.

Elizabeth

From: Shouse, Kate

Sent: Wednesday, January 14, 2015 12:03 PM **To:** Kopits, Elizabeth; Marten, Alex; Fawcett, Allen

Cc: Li, Jia

Subject: RE: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

Thanks, Elizabeth, I think our messages may have crossed, but you are right that they're not looking for comments on the merits of the paper. I've put together a draft that notes we're reviewing the paper with interest, clarifies that SCC is not a regulation, we're aware of limitations and research is ongoing. The reporter seems confused about what SCC and EO 12866 are (her question is in the attached) so I pulled some language from our internal talking points (hearing prep) and the TSD. Also, Isabel (the communications director in our division) thought we might use some of the language on SCC limitations.

Please let me know what you think; if you won't have time to review, just let me know. I'll need comments by about 3:30 (sorry for the quick turn).

Thanks, Kate

From: Kopits, Elizabeth

Sent: Wednesday, January 14, 2015 11:00 AM

To: Marten, Alex; Shouse, Kate

Cc: Li, Jia

Subject: RE: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

Thanks, Alex.

Kate - My guess is that EPA folks aren't looking for an actual substantive comment on the merits of the paper for purposes of today's response, right? Happy to look over and help with your draft anytime today.

Elizabeth

From: Marten, Alex

Sent: Wednesday, January 14, 2015 9:18 AM

To: Shouse, Kate; Kopits, Elizabeth

Cc: Li, Jia

Subject: RE: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

Not that I know of. I will note that they incorrectly characterize FUND and the USG estimates in the third(?) sentence of the paper by saying that GDP is fully exogenous. FUND by default, and as run by the USG, does allow for GDP growth to be impacted by climate damages (see attached).

I have some serious concerns about how they interpreted the Dell et al. work and potentially their implementation, but Steve and I took on the last incorrect Nature Climate Change letter on the SCC so I think I will wait and hope someone else takes this on.

_ _

Alex L. Marten

phone: (202) 566-2301 email: marten.alex@epa.gov

From: Shouse, Kate

Sent: Wednesday, January 14, 2015 8:40 AM

To: Kopits, Elizabeth; Marten, Alex

Cc: Li, Jia

Subject: Fwd: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

Have you received any press questions yet on the Stanford study? Will put something together this morning and send to you both. Email says deadline is cob today but I may need to send sooner for OAR review.

Sent from my iPhone

Begin forwarded message:

From: "DeLuca, Isabel" < <u>DeLuca.Isabel@epa.gov</u>>

Date: January 13, 2015 at 5:26:01 PM EST

To: "Shouse, Kate" < Shouse.Kate@epa.gov >, "Li, Jia" < Li.Jia@epa.gov >

Subject: FW: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

Hi guys—can you help with a press question? We prob. can't comment on the paper, but I'm guessing we can say something about the govt. estimate and what it does and doesn't include (might not capture all costs?).

From: Bremer, Kristen

Sent: Tuesday, January 13, 2015 5:13 PM

To: Jones, Enesta; Drinkard, Andrea; Davis, Alison; DeLuca, Isabel

Subject: RE: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

Kristen Bremer

Adding Isabel.

Policy Analysis & Communications

U.S. EPA, Office of Air Quality Planning & Standards

Email: bremer.kristen@epa.gov

Phone: 919.541.9424

Cell: 919.321.7652

From: Jones, Enesta

Sent: Tuesday, January 13, 2015 5:09 PM

To: Drinkard, Andrea; Davis, Alison; Bremer, Kristen

Cc: Jones, Enesta

Subject: ACTION: GreenBiz.com -- Stanford paper RE: on social cost of carbon

DDL: 1/14, COB

Enesta Jones

U.S. EPA, Office of Media Relations

Desk: 202.564.7873

Cell: 202.236.2426

Begin forwarded message:

From: Barbara Grady < barbara@greenerworldmedia.com >

Date: January 13, 2015 at 5:03:52 PM EST

To: <jones.enesta@epa.gov>

Subject: EPA reaction to Stanford paper on social cost of carbon

Hello Enesta -

I am an editor/ writer for <u>GreenBiz.com</u> and am putting together a story about the new Stanford paper <u>published in *Nature*</u> yesterday about the social cost of carbon being higher than previously thought (according to their analysis.)

I'm writing to ask you for reaction from the EPA on the paper's findings. I believe the U.S. government defined the social cost of carbon in its advisory regulations, is that right? Executive Order 12866. Please correct me if I'm wrong.

Thanks very much for any help you can provide. By the way, let me introduce myself

as well, because I'll be the interim managing editor at <u>GreenBiz.com</u> for a while and may be contacting you frequently!
Respectfully,
Barbara Grady
Barbara Grady
Interim Managing Editor
GreenBiz.com
barbara@greenbiz.com
510-334-2690

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

Cc: Roberts, Martha[Roberts.Martha@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov];

McGartland, Al[McGartland.Al@epa.gov]

From: Friedman, Kristina
Sent: Mon 7/6/2015 6:45:54 PM
Subject: RE: draft hearing prep on SCC
SCC hearing materials (07 06 15)v2.docx

Hi Elizabeth,

Thanks for sharing these draft materials. You'll see that I modified the format of the key messages, but I didn't make any substantive changes. While we probably could cut back these questions, I'm not sure if it is necessary at this point. However, if folks would like to cut them down, I'm happy to take a first cut. If you're ok with these slight revisions, I can send forward for her book, unless you're already planning to do so.

Thanks,

Kristina

From: Kopits, Elizabeth

Sent: Monday, July 06, 2015 1:55 PM

To: Friedman, Kristina

Cc: Roberts, Martha; Shouse, Kate; McGartland, Al

Subject: draft hearing prep on SCC

Hi Kristina,

Per our conversation, here is the draft SCC materials for the hearing prep. As we discussed, I know it is too long, so feel free to suggest parts we can drop, or otherwise edit as you see fit. I'm happy to take another look or discuss after that if helpful.

Thanks!

Elizabeth

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; McGartland, Al[McGartland.Al@epa.gov];

Marten, Alex[Marten.Alex@epa.gov]

From: Roberts, Martha

Sent: Mon 7/6/2015 5:30:01 PM

Subject: RE: Hearing Prep

Yes, that would be great if you could give her a call – see what the Administrator/others asked for at the meeting and make sure that's included in the materials.

Thank you!!

From: Kopits, Elizabeth

Sent: Monday, July 06, 2015 1:28 PM

To: Roberts, Martha; McGartland, Al; Marten, Alex

Subject: RE: Hearing Prep

Hi Martha,

Not sure how much Kristina usually reviews these things but feel free to send it to her if you would like. Usually it is just Kate and I who work on them and keep each other in the loop.

As for the blog post, I added a couple of topline points and Q&As referring to the response to comments, revised numbers, and upcoming NAS review but tried to keep it short. I did not specifically say anything about a "blog post", just that OMB released a response to comments, etc., but it would be easy to tweak if we need that level of detail re: how the information was announced. Let me know what you think is best. I am also happy to just call Kristina and discuss with her if that would be helpful.

Thanks,

Elizabeth

From: Roberts, Martha

Sent: Monday, July 06, 2015 1:18 PM

To: Kopits, Elizabeth; McGartland, Al; Marten, Alex Subject: FW: Hearing Prep Elizabeth, thanks so much for pulling together the SCC TPs, which apparently I am wrongly getting all the credit for. Please see Kristina Friedman's email below. Do your materials cover this OMB blog post? If not, should I ask Kristina to draft something up that we could add to your materials? Meanwhile, would it be helpful/appropriate to loop Kristina in and have her review your materials since Kate is out? Not sure how involved she has been in your efforts. Thanks again, Martha From: Friedman, Kristina Sent: Monday, July 06, 2015 1:00 PM To: Roberts, Martha Cc: Gunning, Paul Subject: Hearing Prep Hi Martha, We just finished the OAR hearing prep session with the Administrator and briefly mentioned the OMB's latest blog on the SCC. We were informed that you were putting together some materials for the Administrator's hearing prep and wanted to reach out to make sure you had what you needed on SCC. Feel free to reach out if you need anything.

Thanks,

Kristina

Kristina Friedman

Office of Atmospheric Programs

U.S. Environmental Protection Agency

Phone: (202) 343-9281

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Marten, Alex

Sent: Wed 7/1/2015 5:28:43 PM

Subject: scc fact sheet from FY16 budget hearing 2015 02 09 FY2016 budget hearing scc fact sheet.docx

- -

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]

Cc: Fawcett, Allen[Fawcett.Allen@epa.gov]; Sarofim, Marcus[Sarofim.Marcus@epa.gov]; Kocchi,

Suzanne[Kocchi.Suzanne@epa.gov]

From: Friedman, Kristina

Sent: Tue 6/9/2015 4:48:24 PM

Subject: RE: EPW QFRs - Due COB 6/3

Ok, thanks.

From: Kopits, Elizabeth

Sent: Tuesday, June 09, 2015 7:07 AM **To:** Friedman, Kristina; Shouse, Kate

Cc: Fawcett, Allen; Sarofim, Marcus; Kocchi, Suzanne

Subject: RE: EPW QFRs - Due COB 6/3

Ex 5

From: Friedman, Kristina

Sent: Monday, June 08, 2015 6:26 PM

To: Shouse, Kate

Cc: Fawcett, Allen; Sarofim, Marcus; Kocchi, Suzanne; Kopits, Elizabeth

Subject: RE: EPW QFRs - Due COB 6/3

Thanks, Kate. Did you have an update on the RTC timing?

From: Shouse, Kate

Sent: Wednesday, June 03, 2015 12:07 PM

To: Friedman, Kristina

Cc: Fawcett, Allen; Sarofim, Marcus; Kocchi, Suzanne; Kopits, Elizabeth

Subject: RE: EPW QFRs - Due COB 6/3

Hi, Kristina. Please find attached a response to the SCC-related questions (pg 2-3, blue font).

One very important note: the last paragraph of this response on page 3 **should be deleted** if the QFRs leave EPA before OMB publishes the response to SCC comments. This paragraph is relevant to the questions asked but we should not release it ahead of OMB's RTC publication. We've been told that OMB will publish the RTC on June 5th but it's possible this could change.

I've flagged this paragraph with a comment bubble and explained in red font. I will let you know as soon as OMB publishes the RTC. Please let me know if you need anything else.

Finally, the SCC response also reflects input from OP.

Thanks, Kate

From: Friedman, Kristina

Sent: Tuesday, May 26, 2015 5:26 PM

To: Sarofim, Marcus; Birnbaum, Rona; Shouse, Kate; Fawcett, Allen; Irving, Bill

Cc: Kocchi, Suzanne

Subject: EPW QFRs - Due COB 6/3

Hi,

We received QFRs from Janet's February EPW hearing on 111(d). Attached please find a subset for CCD review (the list of which is included below). Could you please review/revise the attached responses by COB Wednesday, 6/3? The IO took a shot at drafting responses, but your review is greatly appreciated. Please feel free to pull in others across OAP as necessary (or let me know if they should be reassigned within OAP). I will share our responses, as appropriate, with OAQPS before they are sent forward for OGC review. If you need additional time, please let me know.

Thanks! Kristina Sessions 1 (CSIB/CEB)

Vitter SCC (CEB)

Vitter European (CPB/CEB)

Vitter Science 1-10 (CSIB/CPB)

Kristina Friedman

Office of Atmospheric Programs

U.S. Environmental Protection Agency

Phone: (202) 343-9281

To: Friedman, Kristina[Friedman.Kristina@epa.gov]

Cc: Fawcett, Allen[Fawcett.Allen@epa.gov]; Kocchi, Suzanne[Kocchi.Suzanne@epa.gov]; Kopits,

Elizabeth[Kopits.Elizabeth@epa.gov]

From: Shouse, Kate

Sent: Mon 6/1/2015 5:44:12 PM

Subject: RE: Appropriations Capability Statements - DUE COB Monday, 6/1

capability statement on SCC (05 28 15) v3.docx

Hi, Kristina. Please find attached the capability statement on SCC. This version reflects feedback from OP as well as OGC. OP received the same request and will send this version to OPMO. Please let me know if you have any questions or comments. Thanks!

From: Friedman, Kristina

Sent: Tuesday, May 26, 2015 4:20 PM

To: Shouse, Kate; Fawcett, Allen; Ohrel, Sara; Cole, Jefferson; Irving, Bill; Karimjee, Anhar;

DeFigueiredo, Mark; Sarofim, Marcus; Birnbaum, Rona

Cc: Kocchi, Suzanne

Subject: Appropriations Capability Statements - DUE COB Monday, 6/1

Attached please find templates OPMO put together on potential riders for FY2106 Appropriations legislation. Could you please review/revise each document as appropriate by COB Monday, 6/1. Feel free to give me a call if you have any questions.

Thanks! Kristina

Kristina Friedman

Office of Atmospheric Programs

U.S. Environmental Protection Agency

Phone: (202) 343-9281

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Roberts, Martha[Roberts.Martha@epa.gov]

From: Shouse, Kate

Sent: Mon 6/1/2015 5:39:06 PM

Subject: RE: capability statement on SCC (05 28 15).docx

Thank you both, I'll go ahead now and send it up the OAR chain.

From: Kopits, Elizabeth

Sent: Monday, June 01, 2015 1:31 PM

To: Roberts, Martha Cc: Shouse, Kate

Subject: RE: capability statement on SCC (05 28 15).docx

Sure, will do. Thanks!

From: Roberts, Martha

Sent: Monday, June 01, 2015 1:30 PM

To: Kopits, Elizabeth Cc: Shouse, Kate

Subject: RE: capability statement on SCC (05 28 15).docx

Could you send it to Joel (as an FYI but thoughts are welcome) and cc Al, Alex and myself?

Thanks so much,

Martha

From: Kopits, Elizabeth

Sent: Monday, June 01, 2015 1:11 PM

To: Roberts, Martha Cc: Shouse, Kate

Subject: RE: capability statement on SCC (05 28 15).docx

OK, great. Is there anything else you need from us? Would you like me to send it forward to Joel (and then Robin) then, or did you want to?

Kate will also be sending it up her OAR chain, noting that OP will be submitting the same.

Elizabeth

From: Roberts, Martha

Sent: Monday, June 01, 2015 12:55 PM **To:** Kopits, Elizabeth; Marten, Alex

Cc: Barron, Alex; McGartland, Al; Kime, Robin; Shouse, Kate **Subject:** RE: capability statement on SCC (05 28 15).docx

Looks fine, thanks for taking a cut

From: Kopits, Elizabeth

Sent: Monday, June 01, 2015 12:49 PM **To:** Roberts, Martha; Marten, Alex

Cc: Barron, Alex; McGartland, Al; Kime, Robin; Shouse, Kate **Subject:** RE: capability statement on SCC (05 28 15).docx

Hi Martha,

How about this? (I think I am working off the latest version.) I also made the last point more prominent, per Marilyn's suggestion below.

Elizabeth

From: Roberts, Martha

Sent: Monday, June 01, 2015 12:18 PM

To: Marten, Alex

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Shouse, Kate

Subject: RE: capability statement on SCC (05 28 15).docx

Hi all,

Quoc Nguyen from GLO reviewed the statement and let me know she had no edits; edits from Marilyn Kuray (CCILO) are below. If we want to get this to Joel today, I suggest we incorporate these and press ahead – if Steve Silverman sends anything along later we can incorporate them then.

Ex 5

Martha

From: Kuray, Marilyn

Sent: Monday, June 01, 2015 8:45 AM

To: Roberts, Martha; Nguyen, Quoc; Siciliano, CarolAnn; Silverman, Steven

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex; Shouse, Kate

Subject: RE: capability statement on SCC (05 28 15).docx

Martha,

There's not much here that is in my area. One question I have is whether your intended audience will know what you mean by "disbenefits." I think the last sentence is very important and perhaps should be moved up to the beginning of the implications section.

I also would suggest adding a bit to that sentence:



Marilyn J. Kuray Administrative Law Team Leader

Cross-Cutting Law Office US EPA Office of General Counsel Tel: (202) 564-3449

7426H WJC North

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From: Roberts, Martha

Sent: Monday, June 01, 2015 8:28 AM

To: Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn; Silverman, Steven

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex; Shouse, Kate

Subject: RE: capability statement on SCC (05 28 15).docx

Dear all,

I wanted to check back in on this short capability statement. Quoc, I saw your email that you have no edits (thank you!); others in OGC, if you have any comments please get back to us by noon.

Thanks very much,

Martha

From: Simons, Andrew

Sent: Friday, May 29, 2015 12:05 PM

To: Shouse, Kate; Roberts, Martha; Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex

Subject: RE: capability statement on SCC (05 28 15).docx

Thanks. I will include him.

Andrew J. Simons | US EPA | Office of General Counsel | 1200 Pennsylvania Ave., NW | William Jefferson Clinton Federal Building (WJC), Mail Code 2322A | Washington DC 20460 | phone: (202) 564-3649

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From: Shouse, Kate

Sent: Friday, May 29, 2015 12:04 PM

To: Simons, Andrew; Roberts, Martha; Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex

Subject: RE: capability statement on SCC (05 28 15).docx

Hi, Andy. Steve Silverman, who I believe is in ARLO, has reviewed several rulemakings that use SCC. Please let me know if I should reach out to him independently or if you can include him on your message.

Thanks, Kate

From: Simons, Andrew

Sent: Friday, May 29, 2015 12:02 PM

To: Roberts, Martha; Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn

Cc: Barron, Alex; Kopits, Elizabeth; Shouse, Kate; McGartland, Al; Kime, Robin; Marten, Alex

Subject: RE: capability statement on SCC (05 28 15).docx

Martha:

I think there are other offices, such as ARLO, that may have a better grounding or understanding of the consequences of not being able to use or reference the SCC Technical document. I will circulate it to them as well.

Andy

Andrew J. Simons | US EPA | Office of General Counsel | 1200 Pennsylvania Ave., NW | William Jefferson Clinton Federal Building (WJC), Mail Code 2322A | Washington DC 20460 | phone: (202) 564-3649

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From: Roberts, Martha

Sent: Friday, May 29, 2015 11:39 AM

To: Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn; Simons, Andrew

Cc: Barron, Alex; Kopits, Elizabeth; Shouse, Kate; McGartland, Al; Kime, Robin; Marten, Alex

Subject: FW: capability statement on SCC (05 28 15).docx

+ Andy

From: Roberts, Martha

Sent: Friday, May 29, 2015 11:36 AM

To: Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn

Cc: Barron, Alex; Kopits, Elizabeth; Shouse, Kate; McGartland, Al; Kime, Robin; Marten, Alex

Subject: FW: capability statement on SCC (05 28 15).docx

Dear Marilyn, Quoc, and CarolAnn,

Attached is a "capability statement" on bill language that would prohibit EPA from using or even mentioning the interagency Social Cost of Carbon (SCC) estimates in any regulatory analysis or guidance.

According to OCIR, capability statements are statements given to approps staff as they consider bill language in the omnibus (funding) bill. For instance, if the language says EPA will need to post all pending rules on its website for 30 days prior to being finalized we would write about the agency's ability to do so (or not) and how it would impact the process.

We would appreciate the review of an appropriate OGC staff member to make sure that our response accurately characterizes how the bill language would limit EPA's rulemaking process. I'm not sure if this review best fits in CCILO or GLO's wheelhouse, but was hoping that one of you would know and be able to identify the best person on your team to take a look. (CarolAnn, I am cc'ing you as Marilyn has her autoresponder on).

If we could get a review by noon Monday (or today if possible ③), that would be much appreciated.

Thanks very much for your assistance,

Martha

From: Marten, Alex

Sent: Friday, May 29, 2015 11:10 AM

To: Barron, Alex; Kopits, Elizabeth; Roberts, Martha **Cc:** Shouse, Kate; McGartland, Al; Kime, Robin

Subject: RE: capability statement on SCC (05 28 15).docx

Attached is a clean version that reflects Alex's comments plus a few minor typo fixes.

Alex or Martha, do you know who in OGC should look at this?

- -

Alex L. Marten

phone: <u>(202)</u> 566-2301

email: marten.alex@epa.gov

From: Barron, Alex

Sent: Friday, May 29, 2015 10:30 AM **To:** Kopits, Elizabeth; Roberts, Martha

Cc: Shouse, Kate; Marten, Alex; McGartland, Al; Kime, Robin

Subject: capability statement on SCC (05 28 15).docx

Here are my thoughts. Can we have someone in OGC take a look at this since legal obligations come into the picture?

Joel should review on Monday before it goes to budget folks (mostly as an FYI but he may have thoughts).

(cc'ing Robin so she knows this is in the works).

Alex

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Shouse, Kate

Sent: Mon 6/1/2015 5:09:00 PM

Subject: FW: capability statement on SCC (05 28 15).docx

Thanks for drafting the edits, they look good to me. Were you waiting for anyone else in OP to provide input? If not, I'll send this version forward in OAR with a note that OP is sending the same forward.

From: Roberts, Martha

Sent: Monday, June 01, 2015 12:55 PM **To:** Kopits, Elizabeth; Marten, Alex

Cc: Barron, Alex; McGartland, Al; Kime, Robin; Shouse, Kate **Subject:** RE: capability statement on SCC (05 28 15).docx

Looks fine, thanks for taking a cut

From: Kopits, Elizabeth

Sent: Monday, June 01, 2015 12:49 PM **To:** Roberts, Martha; Marten, Alex

Cc: Barron, Alex; McGartland, Al; Kime, Robin; Shouse, Kate Subject: RE: capability statement on SCC (05 28 15).docx

Hi Martha,

How about this? (I think I am working off the latest version.) I also made the last point more prominent, per Marilyn's suggestion below.

Elizabeth

From: Roberts, Martha

Sent: Monday, June 01, 2015 12:18 PM

To: Marten, Alex

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Shouse, Kate

Subject: RE: capability statement on SCC (05 28 15).docx

Hi all,

Quoc Nguyen from GLO reviewed the statement and let me know she had no edits; edits from Marilyn Kuray (CCILO) are below. If we want to get this to Joel today, I suggest we incorporate these and press ahead – if Steve Silverman sends anything along later we can incorporate them then.

Ex 5

Martha

From: Kuray, Marilyn

Sent: Monday, June 01, 2015 8:45 AM

To: Roberts, Martha; Nguyen, Quoc; Siciliano, CarolAnn; Silverman, Steven

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex; Shouse, Kate

Subject: RE: capability statement on SCC (05 28 15).docx

Martha,

There's not much here that is in my area. One question I have is whether your intended audience will know what you mean by "disbenefits." I think the last sentence is very important and perhaps should be moved up to the beginning of the implications section.

I also would suggest adding a bit to that sentence:

Ex 5	
------	--

Ex 5

Administrative Law Team Leader

Cross-Cutting Law Office US EPA Office of General Counsel Tel: (202) 564-3449

7426H WJC North

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From: Roberts, Martha

Sent: Monday, June 01, 2015 8:28 AM

To: Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn; Silverman, Steven

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex; Shouse, Kate

Subject: RE: capability statement on SCC (05 28 15).docx

Dear all,

I wanted to check back in on this short capability statement. Quoc, I saw your email that you have no edits (thank you!); others in OGC, if you have any comments please get back to us by noon.

Thanks very much,

Martha

From: Simons, Andrew

Sent: Friday, May 29, 2015 12:05 PM

To: Shouse, Kate; Roberts, Martha; Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex

Subject: RE: capability statement on SCC (05 28 15).docx

Thanks. I will include him.

Andrew J. Simons | US EPA | Office of General Counsel | 1200 Pennsylvania Ave., NW | William Jefferson Clinton Federal Building (WJC), Mail Code 2322A | Washington DC 20460 | phone: (202) 564-3649

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From: Shouse, Kate

Sent: Friday, May 29, 2015 12:04 PM

To: Simons, Andrew; Roberts, Martha; Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex

Subject: RE: capability statement on SCC (05 28 15).docx

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Sent: Friday, May 29, 2015 12:02 PM

To: Roberts, Martha; Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn

Cc: Barron, Alex; Kopits, Elizabeth; Shouse, Kate; McGartland, Al; Kime, Robin; Marten, Alex

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Andy

Andrew J. Simons | US EPA | Office of General Counsel | 1200 Pennsylvania Ave., NW | William Jefferson Clinton Federal Building (WJC), Mail Code 2322A | Washington DC 20460 | phone: (202) 564-3649

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Sent: Friday, May 29, 2015 11:39 AM

To: Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn; Simons, Andrew

Cc: Barron, Alex; Kopits, Elizabeth; Shouse, Kate; McGartland, Al; Kime, Robin; Marten, Alex

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Thanks very much for your assistance,

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From: Marten, Alex

Sent: Friday, May 29, 2015 11:10 AM

To: Barron, Alex; Kopits, Elizabeth; Roberts, Martha **Cc:** Shouse, Kate; McGartland, Al; Kime, Robin

Subject: RE: capability statement on SCC (05 28 15).docx

Attached is a clean version that reflects Alex's comments plus a few minor typo fixes.

Alex or Martha, do you know who in OGC should look at this?

- -

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

From: Barron, Alex

Sent: Friday, May 29, 2015 10:30 AM **To:** Kopits, Elizabeth; Roberts, Martha

Cc: Shouse, Kate; Marten, Alex; McGartland, Al; Kime, Robin

Subject: capability statement on SCC (05 28 15).docx

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Joel should review on Monday before it goes to budget folks (mostly as an FYI but he may have thoughts).

(cc'ing Robin so she knows this is in the works).

Alex

From: Shouse, Kate Mon 6/1/2015 4:33:44 PM Sent: Subject: RE: capability statement on SCC (05 28 15).docx Ex 5 Thanks. Elizabeth, have they sent you the latest? From: McGartland, Al **Sent:** Monday, June 01, 2015 12:21 PM To: Kopits, Elizabeth Cc: Marten, Alex; Shouse, Kate Subject: Re: capability statement on SCC (05 28 15).docx Elizabeth, kate and Alex -- what ever you decide i will support. Feel free to send to Martha and Joel without me clearing. Cc me. Sent from my iPhone On Jun 1, 2015, at 12:18 PM, Roberts, Martha < Roberts. Martha@epa.gov > wrote: Hi all, Quoc Nguyen from GLO reviewed the statement and let me know she had no edits; edits from Marilyn Kuray (CCILO) are below. If we want to get this to Joel today, I suggest we incorporate these and press ahead - if Steve Silverman sends anything along later we can incorporate them then. Ex 5 Martha From: Kuray, Marilyn

McGartland, Al[McGartland.Al@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

Marten, Alex[Marten.Alex@epa.gov]

To:

Cc:

Sent: Monday, June 01, 2015 8:45 AM

To: Roberts, Martha; Nguyen, Quoc; Siciliano, CarolAnn; Silverman, Steven

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex; Shouse,

Kate

Subject: RE: capability statement on SCC (05 28 15).docx

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Cross-Cutting Law Office US EPA Office of General Counsel Tel: (202) 564-3449

7426H WJC North

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To: Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn; Silverman, Steven

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex; Shouse, Kate

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To: Shouse, Kate; Roberts, Martha; Kuray, Marilyn; Nguyen, Quoc; Siciliano, CarolAnn

Cc: Barron, Alex; Kopits, Elizabeth; McGartland, Al; Kime, Robin; Marten, Alex

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email: marten.alex@epa.gov

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(cc'ing Robin so she knows this is in the works).

Alex

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

Cc: Marten, Alex[Marten.Alex@epa.gov]

From: Shouse, Kate

Sent: Thur 5/28/2015 4:03:13 PM

Subject: RE: draft capability statement on SCC capability statement on SCC (05 27 15).docx

Thanks, Elizabeth. I copied the revised version to the original Word document and added some redline edits. The second paragraph seems unnecessary to me; first paragraph seems to be a more direct and stronger response. Please let me know what you think and once we've reconciled everything, I'll share with Allen.

Also, do you know whether EPA sends these responses back to the Hill or is strictly internal to the Executive Branch (I couldn't tell from either Nicole's message or the one I received)? If it's internal, we might flag the upcoming SCC correction (I wonder if that would make this bill language moot, though presumably someone would update it).

thanks also for forwarding the attachments and background from Nicole. I hadn't received the context and background and found it helpful.

From: Kopits, Elizabeth

Sent: Wednesday, May 27, 2015 3:09 PM

To: Shouse, Kate Cc: Marten, Alex

Subject: RE: draft capability statement on SCC



POTENTIAL IMPLICATIONS:

Ex 5

EX5

From: Kopits, Elizabeth

Sent: Wednesday, May 27, 2015 2:58 PM

To: Shouse, Kate **Cc:** Marten, Alex

Subject: RE: draft capability statement on SCC

OK, sounds good. Re: the capability statement, I just talked it over with Alex M, and am making some more edits to it now. So you may want to hold off till I send you a revised version.



After my conversation with Alex B earlier, I updated my notes on the list of rules in the pipeline – see below. Let me know if you have any additions or concerns about the plan for any of them.

Must run soon but happy to talk more in the morning.

Best,

Elizabeth

SCC plan for rules in pipeline:



From: Shouse, Kate

Sent: Wednesday, May 27, 2015 2:50 PM

To: Kopits, Elizabeth **Cc:** Marten, Alex

Subject: RE: draft capability statement on SCC

Thanks, Elizabeth, I did receive that statement and the same June 1 deadline. I haven't drafted anything yet and will take a look at what you wrote; will be good to pass the same language forward in OP and OAR. I also received some EPW QFRs, due June 3rd that I have not yet opened; will send you the draft (not likely today).

In other SCC news:

EX 5

From: Kopits, Elizabeth

Sent: Wednesday, May 27, 2015 2:34 PM

To: Shouse, Kate

Cc: Marten, Alex; McGartland, Al; Bowen, Jennifer

Subject: draft capability statement on SCC

Importance: High

Hi Kate (and Alex if you have time) –

Did the request for a capability statement on SCC related to some Senate bill language come over to you too? See below and attached. I have an initial (likely way too long) draft of the statement – also attached. If you have time and want to weigh in, I would welcome any edits/suggestions.

I have to send it to Robin by June 1, but she tells me they will not be released until June 16th.

Thanks,

Elizabeth

From: Kime, Robin

Sent: Thursday, May 21, 2015 4:15 PM

To: McGartland, Al; Simon, Nathalie; Bowen, Jennifer; Snyder, Brett; Kopits, Elizabeth

Cc: Roberts, Martha; Barron, Alex; Teplitzky, Andy; Derkasch, Patricia **Subject:** Capability Statements - Due to Robin by 4:00 p.m. 6/4 please

Importance: High

Greetings,

EPA programs are asked to prepare capability statements for programmatic issues. Please see the attached document which is the master list of bill language from the Senate. Additionally, attached is the pdf of the capability statements that assigns programs to language. OCIR asked us to take the lead on the response to two topics:

Community Affordability - Pg 2

Social Cost of Carbon - Pg 10

Please send me your proposed responses by 4:00 p.m. on June 4.

Thanks

Robin

564-6587

Background:

Each year we are asked by the Appropriations committee staff to review proposed Bill and Report language requests they received from Member offices. This goes back to the days of earmarks in which we reviewed the proposed project to see if the Agency was "capable" of awarding this grant under our existing authorities. Since the earmark ban in 2010 we now review only the proposed Bill and Report language sent to the Committee from the Members offices.

Attached is the master list of proyou to circulate this to your progeach relevant item. A sample carriers	gram areas and ha	ave them comp	lete a capability s	statement for
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Fa W				

 $[\]underline{[1]} \ \underline{\text{http://www.biological diversity.org/swcbd/PROGRAMS/policy/energy/cbd-vs-nhtsa-ruling-11-15-2007.pdf}$

^[2] http://www.gao.gov/products/GAO-14-663

To: Bowen, Jennifer[Bowen.Jennifer@epa.gov]; McGartland, Al[McGartland.Al@epa.gov]; Simon,

Nathalie[Simon.Nathalie@epa.gov]; Snyder, Brett[Snyder.Brett@epa.gov]; Kopits,

Elizabeth[Kopits.Elizabeth@epa.gov]

Cc: Roberts, Martha[Roberts.Martha@epa.gov]

From: Kime, Robin

Sent: Thur 5/28/2015 10:14:35 AM Subject: RE: Capability Statements

Will do, thanks so much!

From: Bowen, Jennifer

Sent: Wednesday, May 27, 2015 5:02 PM

To: Kime, Robin; McGartland, Al; Simon, Nathalie; Snyder, Brett; Kopits, Elizabeth

Cc: Roberts, Martha

Subject: Re: Capability Statements

Hi Robin,

Non-Responsive

Jenny

566-2281

From: Kime, Robin

Sent: Wednesday, May 27, 2015 12:02 PM

To: McGartland, Al; Simon, Nathalie; Bowen, Jennifer; Snyder, Brett; Kopits, Elizabeth

Cc: Roberts, Martha

Subject: Capability Statements

Hi

The markup moved up on the calendar. Would you be able to send the statements to me by COB on Monday 6/1?

Either way, thanks for considering.

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Attached is the master list of proposed Bill or Report language from the Senate. We would like you to circulate this to your program areas and have them complete a capability statement for each relevant item. A sample capability statement is also attached. Let me know if there are questions.